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TRANSMITTAL FORM

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Total Number of Pages in This Submission 39

Application Number	09/932,531
Filing Date	August 17, 2001
First Named Inventor	Douglas W. Akers
Art Unit	3641
Examiner Name	Palabrica, R.J.
Attorney Docket Number	B-124

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard for return by the United States Patent and Trademark Office
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Remarks
Response under 37 C.F.R. §§ 1.111 & 1.121

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Dahl & Osterloth, L.L.P.		
Signature	<i>[Signature]</i>		
Printed name	Bruce E. Dahl		
Date	December 22, 2004	Reg. No.	33,670

CERTIFICATE OF TRANSMISSION/MAILING

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Typed or printed name	Bruce E. Dahl	Date	December 22, 2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)	
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AKERS, Douglas, W.)	Examiner: Palabrica, R.J.
)	
Serial No.)	
09/932,531)	
)	Group Art Unit: 3641
Filing Date:)	
August 17, 2001)	
)	
For:)	Confirmation No.: 4276
APPARATUS FOR PHOTON)	
ACTIVATION POSITRON)	
ANNIHILATION ANALYSIS)	
)	
Atty Dkt: B-124)	
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RESPONSE UNDER 37 C.F.R. §§ 1.111 & 1.121

To: Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 27, 2004, kindly consider the Applicant's Remarks as these appear beginning on page 8, following the Claim Listing for the above-identified application starting with on page 2 hereafter.